

## Biology Associate of Science

### Program Summary Associate of Science

Biology is one of the core sciences for numerous career paths, including medical, dental, veterinary, nursing, nutrition, and other health and science related professions. The Biology Program is a great option for students interested in getting started in their college and medical careers. The holistic wellness emphasis is a National Association of Nutrition Professionals (NANP)-approved Holistic Nutrition Program, as well as an Approved Health and Wellness Coach Training & Education Program by the National Board for Health & Wellness Coaching (NBHWC), providing a unique opportunity for students to pursue holistic wellness education within an accredited, degreed program.

AS 3032 Biology Associate of Science		60 Hours	TSI Required
<b>Required Core Courses (44/45 hours)</b>			
Course	Title	Credit Hours	
BCIS 1305	Business Computer Applications	3	
BIOL	Life and Physical Science Biology Pathway: BIOL 1406/Holistic Pathway: BIOL 1411	4	
BIOL	Life and Physical Science Biology Pathway: BIOL 1407/Holistic Pathway: BIOL 2406	4	
ENGL 1301	Composition I	3	
ENGL 1302	Composition II	3	
HIST 1301	United States History I	3	
HIST 1302	United States History II	3	
GOVT 2305	Federal Government	3	
GOVT 2306	Texas Government	3	
SPCH 1315	Public Speaking	3	
	Creative Arts*	3	
	Language, Philosophy, and Culture*	3	
	Mathematics* (Recommended: MATH 1314, 2412 or 2413)	3/4	
	Social and Behavioral Science*	3	
<b>Biology Pathway Elective Courses (16/17 Hours)</b>			
Course	Title	Credit Hours	
BIOL 2406	Environmental Biology	4	
BIOL 2416	Genetics	4	
BIOL 2421	Microbiology for Science Majors	4	
CHEM	CHEM 1411 General Chemistry or CHEM 2423 Organic Chemistry I	4	
	One-hour Elective (if needed) ¶	1	
<b>Holistic Pathway Elective Courses (15/16 Hours)</b>			
Course	Title	Credit Hours	
BIOL 1322	Nutrition I	3	
BIOL 1323	Nutrition II	3	
BIOL 2289	Holistic Clinic Skills	2	
BIOL 2389	Advanced Holistic Clinical Skills	3	
	Life and Physical Science*	4	
	One-hour Elective (if needed) ¶	1	

\*See Core Curriculum for course options

¶ See Course Description for elective options



## Biology

### Associate of Science in Biology

Program Summary

Associate of Science

#### Year 1: Semester 1

Course	Semester Credit Hours
BCIS 1305 Business Computer Applications	3
BIOL 1406 Biology for Science Majors	4
Creative Arts*	3
MATH Mathematics Elective*	3/4
SPCH 1315 Public Speaking	3
<b>Total</b>	<b>16/17</b>

#### Year 1: Semester 2

Course	Semester Credit Hours
BIOL 1407 Biology for Science Majors II	4
GOVT 2305 Federal Government	3
ENGL 1301 Composition I	3
Social & Behavioral Science*	3
Language/Philosophy/Culture*	3
<b>Total</b>	<b>16</b>

#### Year 2: Semester 1

Course	Semester Credit Hours
BIOL Biology Pathway Elective¶	4
BIOL Biology Pathway Elective¶	4
GOVT 2306 Texas Government	3
HIST 1301 United States History I	3
<b>Total</b>	<b>14</b>

#### Year 2: Semester 2

Course	Semester Credit Hours
HIST 1302 United States History II	3
BIOL Biology Pathway Elective¶	4
BIOL Biology Pathway Elective¶	4
ENGL 1302 Composition II	3
<b>Total</b>	<b>14</b>

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## Biology (Holistic Wellness) Associate of Science in Biology

### Year 1: Semester 1

Course	Semester Credit Hours
BCIS 1305 Business Computer Applications	3
BIOL 1322 Nutrition and Diet Therapy Advanced Studies¶	3
BIOL 2289 Holistic Clinical Skills¶	2
SPCH 1315 Public Speaking	3
One-hour Elective¥	1
<b>Total</b>	<b>11/12</b>

### Year 1: Semester 2

Course	Semester Credit Hours
BIOL 1323 Nutrition and Diet Therapy II¶	3
BIOL 2389 Advanced Holistic Clinical Skills¶	3
GOVT 2305 Federal Government	3
Creative Arts*	3
Social & Behavioral Science*	3
<b>Total</b>	<b>15</b>

### Year 2: Semester 1

Course	Semester Credit Hours
BIOL 1411 Botany	4
ENGL 1301 Composition I	3
GOVT 2306 Texas Government	3
HIST 1301 United States History I	3
MATH Mathematics Elective*	3/4
<b>Total</b>	<b>16/17</b>

### Year 2: Semester 2

Course	Semester Credit Hours
BIOL 2406 Environmental Biology	4
BIOL Holistic Pathway Elective¶	4
Language/Philosophy/Culture*	3
ENGL 1302 Composition II	3
HIST 1302 United States History II	3
<b>Total</b>	<b>17</b>

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¥ Only needed if student takes 3-hour math course